

ANDREJEV, V. (Zagreb)

Iterative method for solving an equation of the third order.
Gradevinar 14 no.11:394-297 N '62.

ANDREJEV, V.

"Computation of framed constructions with the aid of iteration methods." Reviewed by V.Andrejev. Gradevinar 16 no.12:462-463 D '64.

ANDREJEV, Vasilije, prof. (Zagreb)

Foundations in the form of blocks under dynamic action of
vertical forces. Gradevinar 15 no. 11: 402-407 N '63.

Y/001/63/000/002/001/006
D234/D308

AUTHOR: Andrejev, Vasilij, Professor, Doctor of Engineering

TITLE: A survey of the relation between Ritz' and Galerkin's methods

PERIODICAL: Tehnika, no. 2, 1963, 205-207

TEXT: On the basis of the difference between homologous equations according to Ritz's and Galerkin's methods

$$R_i - 2 G_i = R_i^0 - G_i = \int_{\omega} (L \varphi_i U_n - L U_n \cdot \varphi_i) d\omega = I_3 \quad (9)$$

the author concludes that both methods are identical when (9) can express Betty's theorem, i.e. when the functions φ_i satisfy the boundary conditions and can be treated as virtual displacements. The author points out that Galerkin's method is an independent one, while in literature it is regarded as a special case of Ritz's method.

ASSOCIATION: Sveučilišt u Zagrebu (Zagreb University) Card 1/1

ANDREJEV, Vasilij (Zagreb)

Dependencies of displacements in a polygonal system. Gradevinar
16 no.5:169-175 My '64.

ANDREJEV, Vasilije, dr inz., prof. (Zagreb, Krizaniceva 11a)

An approximate method for determining free oscillations of polygonal frames. Tehnika Jug 19 no. 2:201-206 F '64.

1. Faculty of Civil Engineering, University of Zagreb.

EFREMOV, G.; VASKOV, B.; DUMA, H.; ANDREJEVA, M.

Separation of human hemoglobins with starch gel electrophoresis, aluminium oxide chromatography and DEAE cellulose chromatography. I. Technics and results of the study of adult and fetal hemoglobins. Acta med. Jugosl. 17 no.3:252-262 '63.

1. Katedra za stocarstvo Poljoprivredno-sumarskog fakulteta i Klinika za decje bolesti Medicinskog fakulteta u Skoplju.

L 64661-65

ACCESSION NR: AP5023191

RU/0015/64/000/012/0443/0444

AUTHOR: Andrejovic, D. (Doctor, Director)

TITLE: Treatment of epidemic parotiditis with dihydergot

SOURCE: Medicinski glasnik, no. 12, 1964, 443-444

TOPIC TAGS: infective disease, endocrine system disease, antipyretic, drug

ABSTRACT:

Report on the use of this ergot derivative produced by the Sandoz Company in Switzerland in 136 preschool and 225 school children as an outpatient procedure during 1960. The mechanism of action on mumps is not clear, but the author considers that the effect of the drug on fever was undeniable, also that the duration of the disease was much shorter with the treatment as well as pain and general condition, while the effect on swelling was not so clear. 1 table; 7 References all from the clinical literature of India, where this drug has been used with much alleged success.

Card 1/2

L 64661-65

ACCESSION NR: AP5623191

ASSOCIATION: Centar za zdravstveno sastitu majke i deteta, Leskovac (Center for the Health Protection of the Mother and Child)

SUBMITTED: 00

ENCL: 00

SUB CODE: 15

NR REF SOV: 000

OTHER: 007

JPRS

184
Card 2/2

COUNTRY : YUGOSLAVIA
CATEGORY : Chemical Technology. Chemical Products and Their^H
Applications. Food Industry.
ABS. JOUR. : RZhKhim., No 17, 1959, No. 62556
AUTHOR : Andrejevic, L.
INSTITUTE : -
TITLE : Evaluation of Quality of Serbian Prunes of the
Zh'on Variety and the Determination of Their *
ORIG. PUB. : Tehnika, 1958, 13, No 11, Prehran. ind., 12, No 11,
172-176

ABSTRACT : Presented is the comparative quality of prunes
(P), grown in two districts - Shabats and Val'yevo.
It is found that P from Shabats is somewhat better
in quality than P from Val'yevo. The obtained re-
sults are conditional since quality of P changes
from year to year depending on the quality of
plums and on the technology of drying. It is shown
that quantity of the absorbed water by P is pro-
portional to the contained pectins and dry sub-
stances. Thus in the swelling of P in water, P

*Swelling Ability.

Card: 1/2

H - 120

Card: 2/2

JOVANOVIĆ, Vasilije; RADA KOVIĆ, Natalija; KOVAČEVIĆ, Stojanka;
MAJSTOROVIĆ, Branislav; FURLAN, Milan; ~~ANDREJEVIĆ, Ljubica~~;
STAMENKOVIĆ, Jela

A case of metrorrhagia complicated by acute renal failure
following blood transfusion. Srpski arh. celok. lek. 92 no.10:
991-995 O '64.

1. Interno odeljenje Gradske bolnice u Beogradu (Nacelnik:
prof. dr. Mihailo Andrejevic); Hirursko odeljenje Gradske
bolnice u Beogradu (Nacelnik: prof. dr. Mitar Mitrovic);
Biohemijski laboratorijum Gradske bolnice u Beogradu
(V.d. sefa: dr. Mila milutinovic),

JOVANCIC, Vasilije; DR. KAVIC, Desanka; BLABENIC, Veljko; ALUPKOVIC,
Jubica.

Artificial kidney. Frpsko ark. odelo. 18. 72 no. 6363-642 Je '64

1. Interno odeljenje Gradske bolnice u Beogradu (Nacelnik. prof.
dr. Mihailo Andrejevic); Hirursko odeljenje Gradske bolnice u
Beogradu (Nacelnik: prof. dr. Sitar Andrejic).

ANDRIJEVIC, Ljubisa, inz. (Vladicin Han)

Microscopy of food. Tehnika Jug 18 no.5:Suppl.:Prehran ind 17
no.5:939-943 My '63.

1. Poljoprivredno-industrijski kombinat "Delises", Vladicin Han.

JOVANOVIĆ, Vasilije; MIRKOVIC, Dusanika; BALABANIC, Veljko; ANDREJEVIC,
Ljubica

Artificial kidn y. Our first results. Srpski arh. celok. lek.
92 no.9:861-86. S'64.

1. Interno odeljenje Gradske bolnice u Beogradu (Nacelnik:
prof. dr. Mihailo Andrejevic); Hirursko odeljenje Gradske
bolnice u Beogradu (Nacelnik: prof. dr. Mitar Mitrovic).

JOSEF, A., Petar: LOKALNO, Serije: AP-500000, Hvala.

Clinical picture and biological changes in primary liver cancer.
Drpekl arm. celok. lek. 91 no. 12:106-113 D 62.

1. Interno odeljenje Gradske bolnice u Beogradu (Sef: prof. dr.
Kihalo Andrejevic).

ANDREJEVIC, Mihajlo

Prof. dr. Dimitrije Antic (1874-1955). Srpski arh. celok. lek.
83 no.11:1365-1368 Nov 55.

(OBITUARIES,
Antic, Dimitrije. (Ser))

POPOVIC, Miroslav; ANDREJEVIC, Milan; POPOVIC, Milica; BALJOSEVIC, Andra

Scurvy in Metohija. Glasn. Hig. Inst., Beogr. 5 no.1-2:
47-56 Jan-June 56.

1. Interno odeljenje Opste bolnice u Prizrenu; upravnik:
dr. Miroslav Popovic.

(SCURVY, epidemiol.
in So. Yugoslavia, statist. (Ser))

ANDREJEVIC, Mihajlo, Prof., Dr.

Study of therapeutic effects of isotopes P-32 and J-131.
Med. glasn. 10 no.6:212-218 June 56.

1. III interna klinika Medicinskog fakulteta u Beogradu
(upravnik prof. dr. A. Radosavljevic).

(IODINE, radioactive
ther. indic. (Ser))
(PHOSPHORUS, radioactive
same.))

ANDREJEVIC, Mihajlo; RUVIDIC, Rajko

Case of chloroma. Srpski arh. celok. lek. 84 no.7-8:933-936
July-Aug 56.

1. III Interna klinika Medicinskog fakulteta u Beogradu.

Upravnik: akademik prof. dr. Aleksandar Radosavljevic.

(LEUKOSARCOMA, case reports,

mandible, in adolescent (Ser))

(MANDIBLE, neoplasms,

leukosarcoma in adolescent (Ser))

POPOVIC, Miroslav; ANDREJEVIC, Milan

Scurvy in our country; 62 cases in Metohija. Srpski arh. celok.
lek. 84 no.11:1239-1249 Nov 56.

1. Interno odeljenje Opste bolnice u Prisreću. Sef: dr.
Miroslav Popovic.

(SCURVY, epidemiol.
in Yugosl. (Ser))

ANDREJEVIC, M.; PANTELIC, M.; IVANKOVIC, D.

Value of newer drugs in therapy of ulcers. Med. glas. 11 no.6:211-214
June 57.

1. Interno odeljenje - Nastavna baza - u Gradskoj bolnici u Beogradu
(sef: prof. dr. M. Andrejevic)
(PEPTIC ULCER, ther.
indic. (Ger))

STANKOVIC, Sotir, dr.: ANDREJEVIC, Mih., prof. dr.

Examination of gastric juice without intubation. Med. glasnik.
13 no. 10:508-509 0 '59.

1. Interno odeljenje Gradske bolnice u Beogradu, Upravnik: prof.
dr Mih. Andrejevic.
(GASTRIC JUICE)

ANDREJEVIĆ, Mih.; STANKOVIĆ, S.

Gastroduodenal ulcer consecutive to the application of
corticosteroids. Med arh., Sarajevo 14 no.1:135-140 Ja-F '60.

1. Interno odeljenje Gradske bolnice - Beograd, ref: prof. dr
Mih. Andrejević.

(PEPTIC ULCER etiol.)

(ADRENAL CORTEX HORMONES toxicol.)

ANDREJEVIC, M., prof, dr.; STANKOVIC, S., dr.

Effect of extracts of gastric and duodenal mucous membrane extracts
(Robuden's) on gastro-duodenal ulcer. Med.glasn. 14 no.4:221-223
Ap '60.

1. Interna nastavna baza Medicinskog fakulteta - Bradska bolnica,
Beograd (Upravnik: prof. dr. M.Andrejevic)
 (STOMACH extracts)
 (DUODENUM extracts)
 (PEPTIC ULCER ther)

ANDREJEVIC, M., prof. dr.; VELJKOVIC, D., dr.; STANKOVIC, S., dr.

Diagnostic value of gastric biopsy. Med. glas. 14 no.12:547-550
D '60.

1. Interno odeljenje Gradske bolnice - Nastavna baza Medicinskog
fakulteta u Beogradu (Upravnik: prof. dr M. Andrejevic).

(STOMACH pathol) (BIOPSY)

ANDREJEVIC, Mihailo; MITROVIC, Mitar; ALEKSIC, Aleksandar; VUKASINOVIC,
Nadezda; ZIVKOVIC, Milutin

Cases of Schoenlein-Henoch syndrome. Srpski arh. celok. lek. 88
no.5:579-584 My '60.

1. Interno odeljenje Gradske bolnice u Beogradu. Sef: prof. dr
Mihailo Andrejevic. Hirursko odeljenje Gradske bolnice u Beogradu.
Sef: prof. dr Mitar Mitrovic.

(PURPURA case reports)

ANDREJEVIC, Mihajlo, prof. dr.; STEVANOVIC, Milan, dr.; STANKOVIC, Sotir, dr

Contribution to the study of the pathogenesis and therapeutic effects of anemias in old subjects. Med.arh., Sarajevo 15 no.1:31-42
Ja-F '61.

1. Interno odeljenje Gradske bolnice - nastavna baza Medicinskog fakulteta Beograd (Sef: prof. dr Mihajlo Andrejevic)
(ANEMIA in old age)

ANDREJLJIC, Mikhajlo; STANKOVIC, Sotir; MIRKOVIC, Dusanka

The most frequent causes of the appearance of calculi of the gallbladder. Med. arh. 15 no.5:29-33 S-0 '61.

1. Interno odeljenje Gradske bolnice Beograd (Sef: prof. dr Mihajlo Andrejevic).

(CHOLELITHIASIS etiol)

ANDREJEVIC, Mihajlo, dr., prof.; STANKOVIC, Sotir; KOROLIJA, Petar;
MADIC, Radmila

Contribution to the clinical picture of pleural epithelioma. Srpski
arh. celok. lek. 89 no.1:5-11 Ja '61.

1. Interno odeljenje Gradske bolnice u Beogradu. Sef: prof. dr
Mihajlo Andrejevic.

(PLEURA neopl) (CARCINOMA BRONCHOGENIC case reports)

ANDREJEVIC, M., prof., dr.

Value of some routine methods in the diagnosis of Dubin-Johnson jaundice. Med. glas. 16 no.6/6a:273-276 Je '62.

1. Gradska bolnica u Beogradu - Interna nastavna baza Medicinskog fakulteta (Upravnik: prof. dr. M. Andrejevic)
(JAUNDICE)

ANDREJEVIC, Milan, dr.

Use of bismuth in gastroenterology. Med. glas. 16 no.6/6a:
289-292 Je '62.

1. Interna klinika A Medicinskog fakulteta u Beogradu (Upravnik:
prof. dr. B. Stanojevic).
(BISMUTH) (GASTROENTEROLOGY)

YUGOSLAVIA

Mihailo ANDREJEVIC, Vera TOPOCIC-RISTIC and Drageslav IVANKOVIC,
Department of Internal Diseases of City Hospital (Interno odeljenje
Gradske bolnice) Head (Nacelnik) Prof Dr Mihailo NADREJEVIC, Belgrade.

"A Case of Acute Painless Necrosis of the Pancreas."

Belgrade, Srpski Arhiv za Celokupno Lekarstvo, Vol 90, No 11, Nov 62;
pp 1103-1107.

Abstract [English summary modified]: Case in woman aged 56 who died
suddenly 12 days after admission to hospital where she was treated
conservatively for presumed mild myocardial disease; diagnosis at
necropsy of acute pancreatic necrosis of which there were very few
signs. Electrocardiogram, photomicrograph; 3 Yugoslav and 11 Western
references.

1/1

YUGOSLAVIA

Dr Dragoslav IVANKOVIC, Clinical Department of Internal Medicine at the City Hospital of the Medical Faculty (Interna nastavna baza Medicinskog fakulteta pri Gradskoj bolnici), Head (Upravnik) Prof Dr M. ANDRIJEVIC, Belgrade.

"Osteoarthritis Ankylopoetica."

Belgrade, Medicinski Glasnik, Vol 17, No 1, Jan 63; pp 33-37.

Abstract : Review of Western literature without references, and brief account of cases of 36 men and 2 women treated 1951-1961 in author's department for Bechterew's disease: 4 tables classify them by age at first symptom and at diagnosis, preceding diseases and type of initial symptom; therapy is manifold- physical, hydro- and balneo-, psycho- as well as standard pharmaco-; most are now gainfully employed. Four tables.

ANDREJEVIC, Mihailo; KOROLJKA, Petar; STANKOVIC, Jelena

Value of Ascoli's and Jirgl's test in the differential diagnosis of malignant and benign obstructive jaundice. Srpski arch. lek. lek. 92 no.4:401-406 Ap '64

1. Interna nastavna baza Medicinskog fakulteta Gradska bolnica u Beogradu (Upravnik: prof. dr. Mihailo Andrejevic) i laboratorijski odsek Gradske bolnice u Beogradu (Nacelnik: dr. R. Petrovic).

ANDREJEVIC, Mihailo; KOROLIJA, Petar

A case of acute thrombosis of the axillary artery of allergic etiology. Srpski arh. celok. lek. 92 no.7:793-795 J1-Ag '64

1. Interno odeljenje Gradske bolnice u Beogradu (Upravnik: prof. dr. Mihailo Andrejevic).

YUGOSLAVIA

ANDREJEVIC, Mihailo, Dr, prof, STANKOVIC, Sotir, Dr, STEVANOVIC, Milan, Dr, KOROLJKA, Petar, Dr; Department of Internal Medicine of the City Hospital, Belgrade (Interni odeljenje Gradske bolnice u Beogradu) (Head: ANDREJEVIC, Mihailo, Dr, prof), Belgrade.

"Influence of Bismuth Therapy on the Acidity and Pepsin of Ulcer Patients"

Belgrade, Medicinski Glasnik, Vol 19, No 11-12, Nov-Dec 1965, pp 316-318

Abstract: Bismuth-subnitrate causes subjective improvement of difficulties in 85,5% of cases. The value of acidity after therapy decreases in 2/3 of the patients and pepsin in one-half of them. This difference is the result of the weaker effect of bismuth therapy on pepsin, on the creation of proteolysis. With regard to the eventual effect of bismuth-subnitrate, the administration of the bismuth-subcarbonicum should be decided upon and therapy should be extended. Effect of bismuth treatment on anacid ulcers is shown more in the absence of the irritation factor of food than in connection with pepsin. No references.

1/1

YUGOSLAVIA

POPOVIC, Srbislav, Dr, ANDREJEVIC, Milan, Dr; Department A of the Clinic for Internal Medicine, Faculty of Medicine, University of Belgrade (Interna klinika A Medicinskog fakulteta, Univerziteta u Beogradu) (Head: BRKIC, Djordje, Dr, prof), Belgrade.

"Diabetic Ketoacidosis"

Belgrade, Medicinski Glasnik, Vol 19, No 11-12, Nov-Dec 1965, pp 333-336

Abstract: A review is given of 42 patients with diabetic ketoacidosis which originated when catabolism in the tissues prevented anabolism normally regulated with insulin. From the clinical point of view, it was presented in 3 different disturbances of the consciousness (somnolence, sopor, and coma). Biochemical disturbances are not sufficient to show the state and degree of this most serious diabetic complication. Treatment of the illness is with insulin, liquids, electrolytes, glucose, and antibiotics. 1 Yugoslav, 12 Western references.

1/1

KONECNI, Josii; ANDREJEVIC, Milan; PAVLOVIC-KENTERA, Vera

Local application of hydrocortisone in the treatment of exudative
tuberculous pleurisy. Srpski arh. celok. lek. 88 no.1:13-21. Ja '60.

1. Interna klinika A Medicinskog fakulteta Univerziteta u
Beogradu, upravnik: prof. dr Branislav Stanojevic.

(TUBERCULOSIS PULMONARY ther.)

(HYDROCORTISONE ther.)

ANDREJIC, R.

Use of documents and books of the Nikola Tesla Institute.
Elektroprivreda 16 no.2:119-120 Fe '63.

ANALIT, Rajko

Acquisition of Foreign scientific literature in 1961 and 1962
through exchange and gift in the Library of Nikola Tesla In-
stitute of Electrical Engineering, Belgrade. Tehnika Jug 19
no. 6:1000-1010 (6-1962).

ANDREJEVIC, V.
SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: /not given/

Affiliation: /not given/

Source: Belgrade, Veterinarski glasnik, No 4, 1961, p. 328.

Data: Book review: "The Structure of the Fowl" by O. Charnock Bradley
and Tom Grahame (British).

ANDREJEVIC, V.

SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: /not given/

Affiliation: /not given/

Source: Belgrade, Veterinarski glasnik, No 5, 1961, p. 416.

Data: Book review: "Reproduction in the Dog" by A. E. Harrop (British).

YUGOSLAVIA/Chemical Technology. Chemical Products H
and Their Applications. Food Industry.

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 21311

Author : Cugusevich, Milica; Andrejevich, Ljubisha

Inst : -

Title : Technological Variety Testing of Straw-
berries.

Orig Pub : Tehnika, 1958, 13, No 7, Prehran. ind.,
12, No 7, 97-100

Abstract : The dynamics of the changes of the chemical
composition of 7 varieties of strawberries
in the process of ripening and subsequent
storage of the ripe berries were studied;
technological variety tests were conducted
on the varieties Madam Muto, Idun, Yukunda,

Card : 1/2

ANDREJEVS, V.; MURE, M., red.; AIZUPIETE, M., tekhn.red.

[Seven in five! Let us fulfill the seven-year plan in five years! Work experience at the Kompresors Factory] Septini - piecos! Septingadi - piecos gados! Rupnicas "Kompresors" darba pieredze. Riga, Latvijas Valsts izdevnieciba, 1960.
69 p. (MIRA 14:12)
(Riga—Refrigeration and refrigeration machinery)

ANDREJEV, A.

Intermediate metabolism in Mycobacteria. Zhur.mikrobiol.epid. 1
immun. no.8:118 Ag '55. (MLRA 8:11)
(MYCOBACTERIUM)

ANDRESEN, L.,

ANDRESEN, L. & SOMO YA, W.: OBSTRUCTED EMERGENCY FORGOTTEN - ANDRESEN. (SERVICES
OF THE HELI OFFICE: H. KOLING HILLIS,). Myomikis: Service de l'Armée, 1961,

8 p.

ANDREJEV, L.,

ANDREJEV, L. & TOCHOLICH, S. : EXTRA IONIC ACID CATHODIC CORROSION.
(EROSION OF THIN STEEL SHEETS IN ACIDS). Symposium Galvanic-Hutnicare, 1964,

30 p.

ANDREJEV, L. ,

ANDREJEV, L. & TOCHOMOV, S. : NY 40 ONIE BLAGO OZENKION (OOR OULY IN THIS
METAL BARRIS). Wydawnictwo Gorniczko-Mutnic o, 1954,

24 p.

ANDREJEW, L.

ANDREJEW, L. Friction and speed of drawing steel wire. p. 337.
Vol. 21, no. 11, Nov. 1954.
HUTNIK. Katowice Poland

SOURCE: East European Accessions List (EEAL) LC Vol. 5, No. 6, June 1956

ANDREJEW, L.

ANDREJEW, L. Relationship between the wiredrawing process and the kind of grease and diameter of the wire. p. 369. Vol. 21, no. 11, Nov. 1954. HUTNIK. Katowice Poland

SOURCE: East European Accessions List (EEAL) LC Vol. 5, No. 6, June 1956

ANDREJEW, L.

First large-size Soviet rolling mill. p. 408.
A Party-economic-scientific conference of the Institutes of the
Ministry of Metallurgy. Biuletyn. p. 45. HUTNIK, Katowice.
Vol. 21, no. 12, Dec. 1954.

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956

ANDREJEV, LEONID

POL.

11765* Use of Radioactive Isotopes in Investigating Non-Metallic Inclusions in Steel for Roller Bearings. Zastosowanie promieniotwórczych izotopów do badań pochylenia wrażeń niemetalicznych w stali na łożyska toczne. (Polish.) Leonid Andrejev. Wiadomości Hutnicze, v. 11, no. 3, Mar. 1968, p. 42-44.

Slag impurities in steel melted in H.F. induction furnaces. Contamination by particles from the basic lining of the crucible of the induction furnace, by slag particles of the bearing steel melted in a 4-ton arc furnace, and by impurities from the pouring set-up. Tables.

2
1A ML

Amx LK

ANDREJEW, LEONID

15379¹ Diffusion of Arsenic in Rail Steel. O dyfuzji arsenu
w stali żelaznej. (Polish.) Leonid Andrejew. Wiadomości
chemiczne, v. 11, no. 5, May 1936, p. 244-248.
Chemical composition of various steels; micro-structure of steel
in relation to As content and after heat treatments. Tables,
micrographs, 4 ref.

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you

ANDRZEJEW L

POLON

10475* Economizing on the Ferromanganese in the Melting of Steel, O oszczędności żelazomanganu przy wytapianiu stali. (Polish.) L. Andrejew, *Hutnik*, v. 22, no. 1, 1955, p. 30-32.

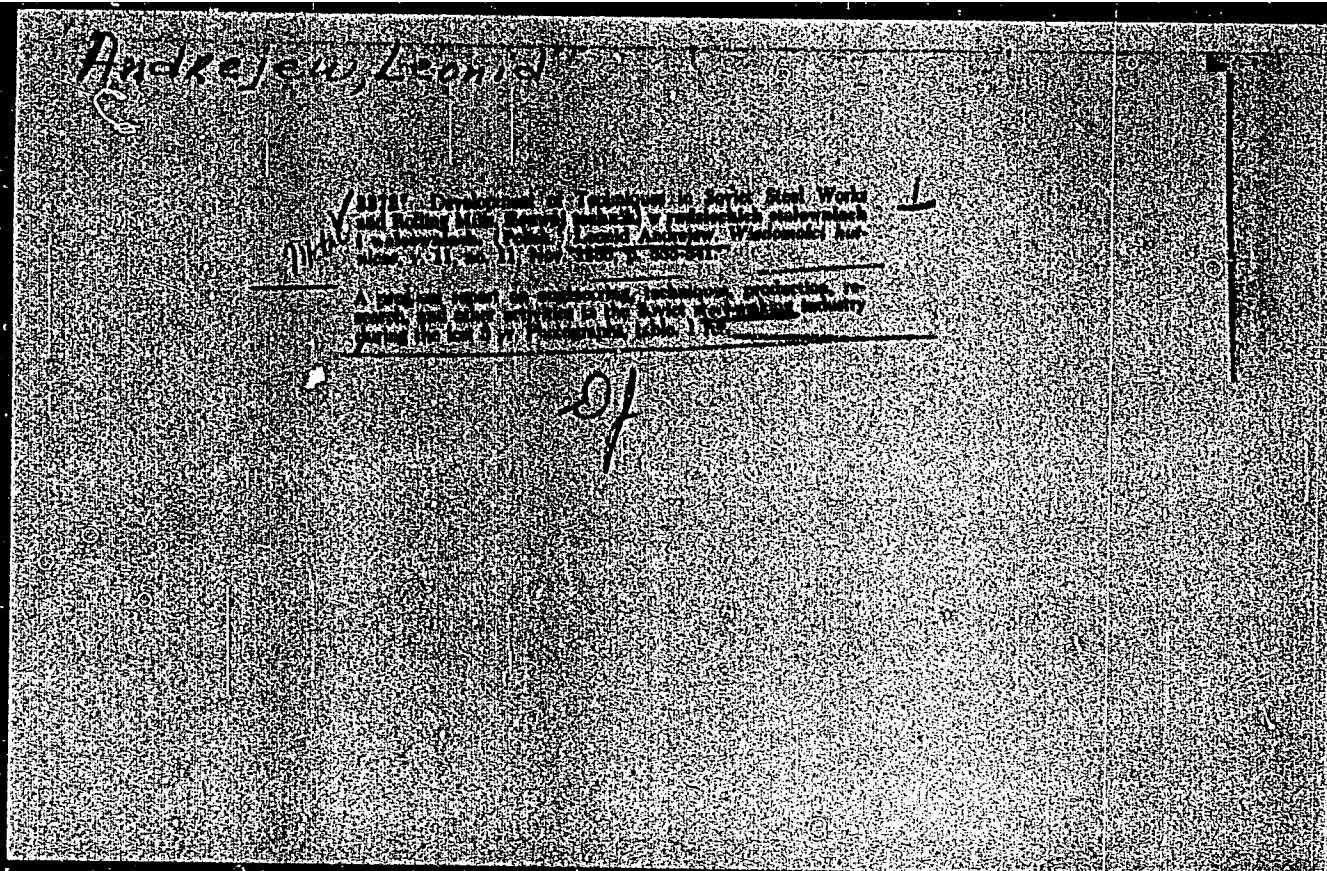
Less loss of Mn results from addition of ferromanganese to the teeming ladle instead of to the open-hearth furnace. Chemical analyses and mechanical properties presented for steels thus deoxidized. Graphs, tables.

01

ANDREJEW, LEONID

POL .

11762* Economic Utilization of Ferromanganese in the De-oxidation of Steel. Oczyszczenie i wykorzystanie przy odlewnictwie stali. (Polish.) Leonid Andrejew. Wiadomości Hutnicze, v. 11, no. 2, Feb. 1958, p. 45-47. referred to in report
Steel-making methods; comparisons of metal properties and burn-off losses of Mn when additions are made in the ladle and furnace. Tables.



ANDREJEW, Leonid, mgr inz.; POLEK, Zygmunt, mgr inz.

Achievements of Soviet science in the field of physical
metallurgy and heat treatment. Wiad hutn 15 no.4:105-109
Ap '59.

POLAND

ANDREJEW, N.; PETRUNOV, B.; and HRISANTOWA, T.; Institute of Epidemiology and Mikrobiology [original version of affiliation not shown]; Head (Director) Dr S. RANGELOVA, Sofia, Bulgaria.

"Use of Salmonella typhi Allergen to Determine Vaccination Immunity."

Warsaw, Medycyna Doswiadczalna i Mikrobiologia, Vol 18, No 1, 1966; pp 47-54.

Abstract [English summary modified] : Study of allergen prepared from heat-killed Salmonella typhi, with tests in 112 previously unvaccinated and 169 vaccinated persons. All tests indicated that the allergen is a very effective vaccine or vaccine effectiveness detector. Graph, 5 tables; 5 Western and 7 Soviet references.

1/1

ANDREJIC, R.

The Library of Nikola Tesla Institute; the Section for Electric Industries. p. 183.
(Elektroprivreda, Vol. 10, no. 3, Mar. 1957. Yugoslavia.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

ANLRFJIC, R.

Our oldest and most important library of construction engineering; the Library of the Institute for Testing Materials and Constructions of Serbia. p. 1299.

(TEHNIKA. Vol. 12, No. 8, 1957, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (EAL) Lc. Vol. 6, No. 10, October 1957. Uncl.

ANDREJIC, Rajko

The special scientific and specialized technical libraries.
Tehnika Jug 17 no.5:835-836 My '62.

ANDREJIC, Rajko

Economic and rapid annual inventorying in special scientific and technical libraries. Tekhnika Jug 17 no.12:2406-2409 D '62.

ANDREJIC, Rajko

Use of documentary books and libraries in the field of
electrical engineering. Tehnika Jug 10 no.4 Suppl.:
Elektrotehnika 12 no.4:710-711 Ap '63.

ANDRUSAK, I.

Development and construction of compensators for spontaneous polarization. p.112.
VESTNIK, Prague, Vol. 29, no. 3, 1954.

SO: Monthly List of East European Accessions, (EVAL), IC, Vol. 5, No. 6 June 1956, Encl.

ANDREJTSCHIN, R. [Andreichin, R.]; KECHLIBAROV, T. [Kekhlibarov, T.]

Measuring short-wave boundary of ultraviolet solar radiation.
Doklady BAN 16 no.6:601-604 '63.

1. Vorgelegt von Akademiemitglied G.Nadjakov [Nadzhakov, G.].

ANDREL, K.

"17 jewels."

p. 22 (Ceskoslovensky Vojak) Vol. 6, no. 26, Dec. 1957
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

ANDRELOWICZ, A.

Andrełowicz, A.; Aulich, K.

"Research on and Chemical Appraisal of Preserved Tomatoes." p. 487 (Biennik Urzędowy, No. 4, 1953, Warszawa)

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 6, June, 1954, Uncl.

Andrelovicz, Antonina

POLAND/Chemical Technology - Chemical Products and Their
Application, Part 3. - Carbohydrates and Their
Treatment.

H-25

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 22966
Author : Maria Wojciechowicz, Antonina Andrelovicz
Inst : State Institute of Hygiene.
Title : Qualitative Analysis of Starch Syrups by Method of Paper
Chromatography.
Orig Pub : Roczn. Panstw. zakl. hig., 1958, 8, No 2, 161-175
Abstract : The methods and results of analyses of 11 kinds of
starch syrups (caramel, yellow and halvah) and of the
malt extract "Malto" are described. The presence of glu-
cose, maltose, maltotriose with isomaltose, maltotetrose
with pannose, panto-, hexo-, and heptooligosaccharides

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POLAND/Chemical Technology - Chemical Products and Their
Application, Part 3. - Carbohydrates and Their
Treatment.

H-25

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 22966

and higher dextrans was established. A considerable difference in the intensity of spots and bands of higher oligosaccharides and dextrans was noted on the chromatograms of syrups and the "Malto" extract.

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ANDRELOWICZ, Antonina

POLAND/Chemical Technology - Chemical Products and Their
Application, Part 3. - Carbohydrates and Their
Treatment.

H-25

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 22967
Author : Antonina Andrelowicz, Maria Wojciechowicz
Inst : State Institute of Hygiene
Title : Revealing of Addition of Starch Syrup to Alimentary
Products by Chromatographic Analysis.
Orig Pub : Roczn. Panstw. zakl. hig., 1957, 8, No 2, 177-188
Abstract : Methods and results of investigations of artificial sugar
and molasses honeys, halvah and "Ovovitin" (a lactose con-
taining product) for establishing their contents of starch
syrup. Chromatograms of starch syrups, "Malto" extract,
and of the sugars glucose, fructose, maltose, saccharose
and lactose were used for comparison. The presence of

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ANIELAWICZ, A.; WOJCICHOWICZ, M.

Determination of substitution of hydrolyzed sugar syrup for natural honey by the chromatographic method.
p. 259.

CHIMIA ANALITYCZNA. (Komisja Analityczna Polskiej Akademii Nauk i Naczelna Organizacja Techniczna) Warszawa. Poland. Vol. 4, No. $\frac{1}{2}$, 1959.

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Unclass.

WIECZFFINSKI, Kazimierz; ANDRELOWICZ, Mikołaj

Preparation of four and fivevalent chromium compounds in reactions in the solid phase. Roczniki chemii 36 no.10:1397-1402 '62.

1. Department of Inorganic Chemistry, Institute of Technology, Warsaw.

POLAND

ANDRELOWICZ, Mikolaj; WOJCIK, Ireneusz

Department of Electronics (Zaklad Elektroniki)
IPPT /Institute for Basic Technical Problems;
Instytut Podstawowych Problemów Technicznych/
- (for both)

Warsaw, Przegląd Elektroniki, No 4, April 1966,
pp 166-174

"Some problems connected with obtaining and
investigating germanium epitaxial layers".

SOV/147-58-3-2/18

AUTHOR: Andrenko, G.I.

TITLE: Take-off Assisted by Deflected Exhaust Gases of the Jet Engine (Vzlet samoleta s otklonennoy struyey gazov reaktivnogo dvigatelya)

PERIODICAL: Izvestiya Vysshikh Uchebnykh Zavedeniy, Aviatsionnaya Tekhnika, 1958, Nr 3, pp 8-15 (USSR)

ABSTRACT: The article deals with the possibility of shortening the overall take-off distance by means of deflecting the jet from the propulsive system downwards. The method may also be applied to landing in order to diminish the velocity of landing and then by reversal of the thrust to shorten the braking distance. The main advantage of this method lies in that the additional lifting force $A \cos(\alpha + \epsilon)$ (see Fig.1) appears to be practically independent from the horizontal speed of the aircraft. Preliminary investigations in the wind tunnel on models with two engines fitted with a device to deflect the gas jets from the engines, show that as a result of the interaction of the deflected jet on the main air stream the pressure distribution on the models changes. As the

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oncoming air stream decelerates when it approaches the jets, the pressure intensity on the lower surfaces of the engine nacelle and the wing increases, while on the upper surface of the wing it decreases. As a result of this, with the incidence and the velocity of the aircraft remaining unchanged, the magnitude of $C_y (=C)$ increases. Taking into account only the effect of the deflected stream in its path round the aircraft and neglecting the reaction of the jet, the coefficient of the pitching moment M_z , according to calculations, practically does not change. Therefore in order to secure the stability of the aircraft, the line of action of the reactive force R_j (Fig.1) should pass close to C.G. of the aircraft, which is easy to arrange with the engines mounted in the wings. However, if it is not possible to stabilize the aircraft with the elevator, it may be necessary to provide at the tail end of the fuselage some special gas controls. At the instant the aircraft becomes airborne (Fig.1) Eq.1 is valid, where:

Card 2/7 C_y OTP - lift coefficient at the moment of separation

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- ΔC_y - additional lift coefficient due to deflected jet
- P - engine thrust
- M_B - engine air intake per second
- α - angle of incidence
- ε - angle between the axis of the engine and the wing chord
- G - weight of the aircraft
- K_y - coefficient of the vertical force
- K_Q - coefficient of the force along the engine axis
- β - angle of deflection of the jet
- n - cross-sectional area of the device deflecting the jet
cross-sectional area of the nozzle exit
- ψ - correction coefficient for the momentum of the system
correction coefficient for the momentum of the nozzle
- φ - coefficient of discharge from the deflecting system
coefficient of discharge from the nozzle

Coefficients ψ and φ are determined experimentally and depend on the design of the device. Eq.1 gives the

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coefficient K_y necessary to secure a given velocity of

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take-off as shown in Eq.2. Fig.2 shows some values of V^* take-off as functions of K_y for the case when: $P/G = 0.2, 0.4, 0.6, 0.8$ and 1.0 ; $G/S = 300 \text{ kg/m}^2$, $(\alpha + \epsilon) = 10^\circ$; $C_y \text{ OTP} = 1$ and $\Delta C_y = 0$. It is seen that as K_y increases (i.e. angle of deflection of the jet increases) the velocity of take-off decreases. Also as the thrust loading increases dV^*/dK_y increases. Eq.3 gives the accelerating force and Eq.4 the relative acceleration of the aircraft, where P' - is the engine thrust with the deflected jet, Q' - is the frontal drag, f_{np} - reduced coefficient of friction, Y'' - lift force with the deflected jet. Fig.3 shows the result of the Eq.3 for various angles of deflection of the jet and it is seen that the acceleration varies only slightly with velocity but diminishes rapidly with increasing angle of deflection β (Fig.4). From these graphs it appears expedient to run the aircraft without deflecting the jet until the very moment the aircraft becomes airborne. As this means a longer run-off it is necessary to analyse the relative magnitudes of the run-off length,

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and climb to a given height as functions of the angle of deflection of the jet and then to determine the optimal conditions resulting in reduction of the overall length of the take-off operation. This is done through Eq.5 to 9 and in Fig.6, 7 and 8. In Fig.6 L_p represents the length of the run-off for various values of P/G as function of K_y . It is seen that L_p decreases as K_y increases. Fig.7 shows that $L_{B\eta\eta}$, i.e. the length to climb to 25 m, reaches its minimum at a value of K_y^* which depends on the magnitude of P/G , e.g. for $P/G = 0.4$ the minimum L is for $K_y^* = 0.35$ etc. As K_y^* increases this length increases, at first slowly and then rapidly. The total length of take-off, being the sum of the two, is given in Fig.8. It appears that for each P/G there is a value of K_y^* which gives a minimum overall length of the take-off. From these theoretical considerations the following conclusions emerge:

1. Deflection of the engine jet is an effective way of shortening the take-off length.
2. It is advantageous to deflect the jet only from the instant the aircraft

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becomes airborne. 3. The best solution to shorten the take-off is to mount the engines in the wings.

4. In order to preserve the stability of the aircraft it is advisable to arrange the deflecting mechanism so that the line of action of the deflected jets passes close to the C.G. of the aircraft. Failing this some additional measures must be provided. 5. As seen from Fig.2, the velocity of take-off (and K_y) change over a large range depending upon P/G. Therefore, when using the engines with deflected jets it is necessary to know the minimum velocity of flight in order to decide the most suitable angle of jet deflection. The minimum velocity of flight is that at which the aircraft is fully

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sensitive to the rudder and other controls. There are
8 figures.

ASSOCIATION: Khar'kovskiy Aviatsionnyy Institut, Kafedra
Aerogidrodinamiki (Kharkov Institute of Aeronautics,
Chair of Aerohydrodynamics)

SUBMITTED: 4th February 1958.

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S/147/60/000/02/001/020
E022/E407

AUTHOR: Andrenko, G.I.

TITLE: Some Aerodynamical Aspects of Jet Propelled Aircraft
with Deflected Exhaust Gases //

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Aviatsionnaya
tekhnika, 1960, Nr 2, pp 3-13 (USSR)

ABSTRACT: The article considers some effects of the mutual
interaction between the main flow of air past the
aircraft and the deflected jet from the engine, the
discussion being confined to subsonic speeds only. It
is found that the jet affects the aerodynamic
characteristics of the aircraft. Models with two
different engine lay-outs were tested in the wind tunnels.
In the model Nr 1, the jet engine² was located in the tail
end of the fuselage (Fig 1) and in model Nr 2, there were
two engines in nacelles, symmetrically suspended under
the wings (Fig 3). To simulate the action of the
engines, compressed air was blown through the engine
mock-ups. As the temperature gradient between the efflux
gases from the engine and the ambient air does not affect
the geometric parameters of the flow - cold air was

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used to simulate the engines efflux. Since for the range of speeds investigated the compressibility effects are negligible, only the Reynolds number appears as the required parameter of similarity of flows between the models and the full size aircraft. These parameters are developed in Eq (1) to (5), the last one giving the functional relation between (W/V) for the model and (W/V) for the full size aircraft. Model Nr 1 had two variants. In the first the engine mock-up was suspended independently of the aircraft model while in the second variant it was attached to the model as shown in Fig 2a. The jet was deflected through $\epsilon = 90^\circ - 90^\circ$ or $150^\circ - 150^\circ$, the deflecting vanes being of the bucket type, see insets in Fig 1. The layout for the model Nr 2 is shown in Fig 3. The figure shows also two different types of deflectors: bucket type and the vaned type. The experiments with both models were carried out first with a plate simulating the ground (as shown in Fig 4) and then without it. The results of these

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experiments are shown in Fig 5 to 12, and relate the effect of the angle of the deflection of the jet (ϵ) on the lift (c_y), drag (c_x) and pitching moment (m_z) for various values of $q = W/V$. Fig 5 refers to the model Nr 1 and the engine mock-up independently suspended; Fig 6 refers to the same model but with its engine mock-up fixed in the model. It is seen that the drag coefficient increases as a result of the jet deflection, this can be explained by a substantial pressure drop behind the aircraft due to interaction between the incident air stream and the jet from the engine. Fig 7 refers to model Nr 2 with bucket type deflectors and without the plate simulating the ground effect. Fig 8 shows the movement of the centre of pressure (as defined by Eq (6)) for this case, which is quite substantial, especially in the case of asymmetric deflection of the jet. Fig 9 and 10 refer to the same model as above and compare the aerodynamic characteristics for the case with the ground effect (upper graphs) and without it (lower graphs).

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while Fig 11 and 12 present the corresponding aerodynamic characteristics for the above model with vaned deflectors. From these graphs it is clear that both types of deflectors have the same effect on C_y and C_x but the vaned type deflectors have a less pronounced effect than the bucket type deflectors. There are 12 figures.

ASSOCIATION: Khar'kovskiy aviatsionnyy institut, Kafedra
aerogidrodinamiki (Khar'kov Institute of Aeronautics,
Chair of Aerodynamics)

SUBMITTED: November 19, 1959

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TKACHENKO, Ya.Ye., kand. tekhn. nauk; ANDRENKO, G.I., kand. tekhn. nauk;
SHAPOSHNIKOV, A.K., inzh.

Most advantageous aerodynamic shape of locomotives. Vest. TSNI
MPS 23 no.6:20-24 '64. (MIRA 17:10)

11501
S/124/62/000/010/006/015
D234/D308

261160

AUTHOR:

Andrenko, G. I.

TITLE:

Aerodynamical investigation of a traction reverser
for turbo-jet engines

PERIODICAL:

Referativnyy zhurnal, Mekhanika, no. 10, 1962, 30-31,
abstract 10B167 (Tr. Khar'kovsk. aviats. in-ta, 1960,
no. 20, 255-272)

TEXT: The reversing device, which can be used not only for brak-
ing the airplane but also for obtaining additional lifting force,
has been proposed and tested on an experimental installation and on
an aircraft model in a wind tunnel at the Khar'kovskiy aviatsionnyy
institut (Khar'kov Aviation Institute). The tests were carried out
with constant velocity of flow from the reversor and with differ-
ent angles of rotation of the jet, angles of attack of the model
and velocities of flow in the tunnel. It was found that the opera-
tion of the reversor increases the resistance of the model, decrea-
ses the coefficient C_y and produces a pitching moment, ΔC_y and

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ANDRENKO, G.P., kand.tekhn.nauk

New method of removing mineral impurities from oilseeds. Masl.-
zhir.prom. 26 no.8:26-28 Ag '60. (MIRA 13:8)

1. Khar'kovskiy politekhnicheskiy institut imeni V.I.Lenina.
(Khar'kov--Seeds--Cleaning)

ZARGARYAN, S.R., inzh.; ANDRIENKO, G.F., kand.tekhn.nauk

Increasing the efficiency of the separator parts of threshing
machines. Trakt. i sel'khoz mash. 33 no.5:24-26 My '63.

(MIRA 16:10)

ANDRENKO, P. T.

ANDRENKO, P. T.: "The secretory and motor functions of the stomach in patients with hypertonic disease in the neurogenic stage." Odessa State Medical Inst imeni N. I. Pirogov. Vinnitsa, 1956.
(Dissertation for the Degree of Candidate in Medical Science.)

So: Knizhnaya letopis', No. 37, 1956. Moscow.

ANDRESENKO, P.T.

Arterial pressure in patients with peptic ulcer of the stomach
and duodenum. Vrach.delo no.12:1307 D '56. (MIRA 12:10)

1. Kafedra fakul'tetskoy terapii (zav. - prof.B.S.Shklyar)
Vinnitskogo meditsinskogo instituta.
(BLOOD PRESSURE) (ALIMENTARY CANAL--ULCERS)

ANDRENKO, P.T.

Gastric secretion in hypertension. Vrach, delo no.2:149-151 P '57.
(MLRA 10:6)

1. Kafedra fakul'tetskoy terapii (zav. - prof. B.S.Shklyar)
Vinnitskogo meditsinskogo instituta.
(STOMACH--SECRECTIONS) (HYPERTENSION)

ANDRENKO, P.T.

Atypical course of Kahler's disease. Vrach.delo no.7:755-757
Jl '57. (MLRA 10:8)

1. Kafedra fakul'tetskoy terapii (zav. - prof. B.S.Shklyar) i
kafedra patologicheskoy anatomii (zav. - dotsent N.V.Konstantinovich)
Vinnitskogo meditsinskogo instituta
(BONES--TUMORS)

Country	: USSR	T
Category	: Human and Animal Physiology, Circulation	
Abs. Jour.	: Ref Zhur Biol, No. 2, 1959, No. 8129	
Author	: Andrenko, P.T.	
Institut.	: Vinnitsa Medical Institute	
Title	: The Motor-Secretory Function of the Stomach in Patients with Hypertension in Relation to Characteristics of Higher Nervous Activity.	
Orig Pub.	: Sb. nauchn. tr. Vinnitek. med. in-ta, 1957, 14, 78--84	
Abstract	: no abstract	

Card: 1/1

ANDRENKO, P.T., BRATUS', N.V., kand.med.nauk

Effect of stimulation of the gastric mechanoreceptors on biopotentials of the brain in peptic ulcer. Vrach. delo no.7:683-687
Jl '58 (MIRA 11:9)

1. Kafedra fakul'tetskoy terapii (zav. - prof. B.S. Shklyar) i
Kafedra normal'noy fiziologii (zav. - prof. N.K. Vitte) Vinnitskogo
meditsinskogo instituta.
(PEPTIC ULCER)
(ELECTROENCEPHALOGRAPHY)

ANDRENKO, P.T., kand.med.nauk

Method for determining acetone in urine by means of paper strips.
Vrach.delo no.5:529-531 My '59. (MIRA 12:12)

1. Kafedra fakul'tetskoy terapii (sav. - prof. B.S. Shklyar) Vin-
nitskogo meditsinskogo instituta.
(ACETONE) (PAPER CHROMATOGRAPHY)

ANDRENKO, P.T.; BRATUS', N.V.

Effect of the stimulation of gastric mechanoreceptors on brain potentials in man. *Fiziol.zhur.* 45 no.2:151-156 F '59. (MIRA 12:3)

1. From the departments of internal medicine and of physiology, Medical Institute, Vinnitsa.

(ELECTROENCEPHALOGRAPHY,
eff. of stomach stimulation (Rus))
(STOMACH, physiol.
eff. of stimulation on EEG (Rus))

ANDRENKO, P.T., kand.med.nauk; YADVIZHIN, B.V.

Rare case of wandering spleen. Vrach.delo no.6:637-639 Ja
'60. (MIRA 13:7)

1. Kafedra fakul'tetskoy terapii (zav. - prof. B.S. Shklyar)
i kafedra patologicheskoy anatomii (zav. - doktor med.nauk
N.V. Konstantinovich) Vinnitskogo meditsinskogo instituta.
(SPLEEN--ABNORMITIES AND DEFORMITIES)

ANDRENKO, P.T., kand.med.nauk

Influence of intravenous transfusions of novocaine on arterial pressure in the brachial and temporal arteries. Vrach.delo no.7:113-114 J1 '60. (MIRA 13:7)

1. Kafedra fakul'tetskoy terapii (zav. - prof. B.S. Shklyar)
Vinnitskogo meditsinskogo instituta.
(BLOOD PRESSURE) (NOVOCAINE)

ANDRENKO, P.T., kand.med.nauk

Influence of adrenalinę on dyspnea in patients with heart diseases,
Vrach. delo no.4:11-16 Ap '61. (MIRA 14:6)

1. Kafedra fakul'tetskoy terapii (zav. - prof. B.S.Shklyar)
Vinnitskogo meditsinskogo instituta.
(ADRENALINE) (DYSPNEA) (HEART--DISEASES)

SHESTOPALOV, V.P., SLYUSARSKIY, V.A., ANDRENKO, S.D., CHERNYAKOV, E.I.

Electromagnetic waves in a spiral wave guide with an anisotropic dielectric. Zhur. tekhn. fiz. 30 no.6:644-652 Je '60.

(MIRA 13:8)

1. Khar'kovskiy gosudarstvennyy universitet im. A.M.Gor'kogo.
(Electromagnetic waves)
(Wave guides)

KUDRYAVTSEV, I.V., doktor tekhn. nauk, prof.; ANDRENKO, V.M., inzh.

Experimental determination of the fatigue resistance of
rotating large steel shafts. Vest. mashinostr. 44 no.6:50-54
Je '64. (MIRA 17:8)